

ABSTRACT

A battery ECU executes a program that includes the steps of: sensing a vehicle speed (~~S100~~); sensing a battery temperature (~~S110~~); calculating a battery SOC (~~S120~~); calculating, based on the battery temperature and battery SOC, a vehicle speed threshold value for starting charge limiting control (~~S130~~); and setting a charge limiting flag for limiting an amount of electric energy to be to be charged even before regenerative braking (~~S150~~), if the sensed vehicle speed is higher than the calculated vehicle speed threshold value (~~YES at S140~~).